



~~SECRET~~

CENTRAL INTELLIGENCE AGENCY

202270

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~~CONFIDENTIAL~~Turbine:

Normal entry temperature of gas at full load: 620°C

Normal entry pressure of gas at full load: 3.31 ata

Back pressure: 1.05 ata

Normal exit temperature of gas at full charge: 410°C

Normal number of turbine revolutions: 4,500 per minute

Normal number of generator revolutions: 1,500 per minute

The turbine is said to develop 4,500 h.p.

Measurements:

Height of combustion chamber: ca. 1800 mm.

Diameter of combustion chamber: ca. 500 mm.

Connection line between combustion

chamber and turbine: 2 x 480 mm.

Exhaust braces of the turbine (2 parts): 2 x 800 x 750 mm.

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